



## JOB DESCRIPTION

Position Title: **Senior Engineer**

Working Area: **Traffic Engineering**

Class Code: 5313

Exempt

EEO Code: 02

Effective Date: August 30, 2002

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### **Major Function**

Technical and administrative work in planning, conducting, and managing assigned functions within the Traffic Engineering Division.

### **Essential Functions**

*Note: These are intended only as illustrations of the various types of work performed. The omission of specific duties does not exclude them from the position if the work is a logical assignment to the position.*

Establishes work priorities and coordinates all activities of assigned area of responsibilities. Distributes work assignments to subordinates and ensures timely completion of assignments.

Conducts traffic engineering studies, safety analysis, and prepares and presents technical reports. Provides technical support and supervision for design, installation, and review of traffic control devices.

Coordinates project activities with other County Departments and Divisions, Florida Department of Transportation, cities, and law enforcement agencies to ensure timely execution of required tasks.

Represents the Division at public meetings and provides input and recommendations to remedy traffic issues.

Establishes and develops programs to optimize efficiency and assists in preparation of the Division annual budget.

Designs and reviews signal and sign/markings plans in accordance with the latest standards.

Supervises technical staff and ensures work performance of members as required.

Performs other duties as assigned or as may be necessary.



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### **Minimum Qualifications**

Extensive knowledge of the principles and practices of traffic engineering and operations, to include knowledge of highway design, signal design and operation, sign and marking standards, computer applications, crash analysis, maintenance of traffic plans for construction zones and highway safety.

Ability to prepare and review traffic signal plans. Ability to coordinate programs and projects effectively with other County and governmental agencies. Ability to communicate effectively, both orally and in writing. Ability to make presentations before various boards and groups, governmental organizations, and County Officials. Ability to effectively use computer equipment and application software for crash reporting, traffic engineering operations, and traffic engineering studies.

Bachelor's Degree in Civil Engineering or a closely related field and two (2) years of traffic engineering or transportation planning experience, including one (1) year experience in computer applications.

Must possess and maintain a valid Florida Driver's License.

*A comparable amount of education, training, or experience may be substituted for the minimum qualifications.*

### **Working Conditions**

The work environment for this position is a typical office situation with some duties being performed in the field. The incumbent typically performs job duties sitting at a desk or standing at a map table. The incumbent may be required to stand or sit for prolonged periods of time to perform assigned functions.